

VERMONT

Science and Engineering Profile

	VT	U.S.	Rank		VT	U.S.	Rank
Doctoral scientists, 1995	1,366	453,928	47	Total R&D performance, 1995 (millions)	\$308	\$177,210	46
Doctoral engineers, 1995	328	86,738	41	Industry R&D, 1995 (millions)	\$248	\$130,332	40
S&E doctorates awarded, 1996	47	27,230	48	Academic R&D, 1995 (millions)	\$54	\$21,606	46
of which, in life sciences	43%	25%		of which, in life sciences	87%	55%	
in psychology	36%	13%		in engineering	4%	16%	
in engineering	13%	23%		in physical sciences	2%	10%	
S&E postdoctorates, 1995	80	35,379	39	Higher education current-fund expenditures, 1995 (millions)	\$605	\$182,602	44
in doctorate-granting institutions							
S&E graduate students, 1995	756	436,328	51	Number of SBIR awards, 1990-1996	72	26,399	33
in doctorate-granting institutions				Patents issued to state residents, 1996	254	61,099	36
Population, 1996 (000s)	589	269,067	50	Gross state product, 1994 (billions)	\$13.3	\$6,876.0	52
Civilian labor force, 1996 (000s)	324	135,528	49	of which, agriculture	2%	2%	
Personal income per capita, 1996	\$22,124	\$24,231	31	manufacturing, mining, construction	22%	23%	
Federal spending				transportation, communication, utilities	9%	9%	
Total expenditures, 1996 (millions)	\$2,775	\$1,368,858	51	wholesale and retail trade	17%	16%	
R&D obligations, 1995 (millions)	\$54	\$67,080	48	finance, insurance, real estate	17%	19%	
				services	20%	20%	
				government	12%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Vermont by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	53,590	4,702	0	13,358	33,514	1,413	603	48
Department of Agriculture	5,785	1,598	0	0	4,175	12	0	46
Department of Commerce	45	0	0	0	45	0	0	49
Department of Defense	13,573	1,444	0	10,885	1,244	0	0	41
Department of Energy	534	0	0	0	534	0	0	48
Dept. of Health & Human Services	26,937	0	0	1,376	24,027	1,401	133	41
Department of the Interior	1,804	1,660	0	66	78	0	0	47
Department of Transportation	419	0	0	0	0	0	419	52
Environmental Protection Agency	51	0	0	0	0	0	51	50
Nat'l Aeronautics & Space Admin.	663	0	0	574	89	0	0	50
National Science Foundation	3,779	0	0	457	3,322	0	0	49
State rank	48	51	na	40	41	44	51	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable